

TE-PUFPLUS Hi-Vol PAH Air Sample Data Form

Sample Information

Full Site Name: Portage Hwy 12

Site Abbreviation PEG-A-4
SC 4/23/21

Deployment No. 4

Field Deployment Technician Name Scott H. Volker Setup Date/Time 4/23/21 13:55

Sample Run Date 4/24/21 *Flow Conditions should be STD. Flow Rate should be 225 liters/min.*

Once all necessary fields in Timer screen have been set, 3 things should happen:

- ☐ Green power light should start to blink;
- ☐ Timer countdown should start indicating when sampling run will commence;
- ☐ Status on main screen should change to "Waiting".

Field Recovery Technician Name Scott H. Volker Recovery Date/Time 4/26/21 10:30

Q _{std} Avg Flow (liters/min)	<u>225</u>	Actual Start Date/Time	<u>4/24/21 0:00</u>
CV	<u>0.24</u>	Actual Stop Date/Time	<u>4/25/21 0:00</u>
Q _{std} Volume (m ³)	<u>323.32</u>	T _{amb} Avg (°C)	<u>12.1</u>
Elapsed Time (HH:MM)	<u>24:00</u>	P _{amb} Avg (mmHg)	<u>739</u>
Flags? Expected flags: Completed, Q _{std}			

Sample Status: VALID VOID (circle one) VOID Reason: _____

Site Observations

Run Day Temperatures: High 54 Low 43 Source: Weather Channel

Run Day Precipitation: <0.5 in

Run Day Wind/Wind Direction: SSW 3

Run Day Sky Cover: Cloudy

Unusual Events? (fires, major storms, construction, etc.): _____

Field Deployment and Recovery

Check all that apply.

Weekly Checks:

- ☐ Power cords/plugs ok?
- ☐ Gaskets ok?
- ☐ Shelter ok?
- ☐ Tubing ok?
- ☐ Timer ok?
- ☐ Debris removed?

Monthly Checks: (after 5th sample run of the month)

- ☐ Sampling head cleaned with Kim wipes?
- ☐ Pictures of site logbook taken?
- ☐ Completed TE-PUFPLUS One-Point Flow Check Form?
- ☐ Temperature sensors within $\pm 2^{\circ}\text{C}$ of transfer standard?
- ☐ Pressure sensor within $\pm 10\text{ mmHg}$ of transfer standard?
- ☐ One-point flow verification within $\pm 10\%$ of Q_{std} PUFPLUS ($0.225\frac{\text{m}^3}{\text{min}}$)?

Maintenance Notes:

Maintenance